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L Number	Hits	Search Text	DB	Time stamp
1	275	(naoya near1 hasegawa).in.	USPAT;	2003/08/28 09:37
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
2	62	((naoya near1 hasegawa).in.) and	USPAT;	2003/08/28 09:49
		magneto\$1resistive.ti,ab.clm.	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
3	481737	(magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	USPAT;	2003/08/28 10:09
		(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	US-PGPUB;	
		(magnetid adj (head sensor element))).ti,ab,clm.	EPO; JPO;	
			DERWENT;	
4	6026	((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	IBM_TDB USPAT;	2003/08/28 10:10
-	0020	(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	US-PGPUB;	2003/00/20 10.10
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)	DERWENT;	
-	000		IBM_TDB	2002/02/02 12 11
5	328	(((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	USPAT; US-PGPUB;	2003/08/28 10:11
		(spin adj valve) Goting in Motin Toling in Adjimotin (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT;	
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM_TDB	
6	20	layer) interface))	LICDAT	2002/00/20 40:45
6	32	((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	USPAT; US-PGPUB;	2003/08/28 10:15
		(soft adj valve) 05 mis ik mis ik is mis ik As mis ik (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT;	
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM_TDB	
7	72	layer) interface))) and 2000.py. ((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	LICOAT	2002/00/20 40:20
'	12	((((magnetos fresists4 (magneto adj fesists4) spins fvalves f (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	USPAT; US-PGPUB;	2003/08/28 10:30
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT;	
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM_TDB	
8	27	layer) interface))) and 2001.py. ((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	USPAT;	2003/08/28 10:33
	21	((((inagineto a riesista 4 (inagineto adj resista 4) spiris rvaives i (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	US-PGPUB;	2000/00/20 10:00
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT,	
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM_TDB	
9	201	layer) interface))) and 1999.py. ((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	USPAT:	2003/08/28 10:33
	201	(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	US-PGPUB;	2000/00/20 10:33
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT;	
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM_TDB	
		layer) interface))) not ((((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R		
		T\$1M\$1R A\$1M\$1R (magnetid adj (head sensor		
		element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel		
		adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy)		
		near4 (seed\$1layer\$1 (seed adj layer) interface))) and 2000.py.) ((((magneto\$1resist\$4 (magneto adj resist\$4)		
		spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R		
		A\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.)		
		and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy))		
		and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1		
		(seed adj layer) interface))) and 2001.py.) (((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	}	
		(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R		
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj		
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft		
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj layer) interface))) and 1999.py.))	•	
Consoli III de	0/00/00	10:39:07 AM Page 1		

10	38	(((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	USPAT:	2003/08/28 10:38
		(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	US-PGPUB;	
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO: JPO:	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT:	
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM TDB	
		layer) interface))) not ((((((magneto\$1resist\$4 (magneto adj	.5	
		resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R		
		T\$1M\$1R A\$1M\$1R (magnetid adj (head sensor		
		element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel		
		adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy)		
		near4 (seed\$1layer\$1 (seed adj layer) interface))) and		
		2000.py.) (((((magneto\$1resist\$4 (magneto adj resist\$4)		
		spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R		
		A\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.)		
		and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy))		
		and ((soft au) magnetic) ((i) if i e (nicker au) from permailoy)) and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1		
		(seed adj layer) interface))) and 2001.py.)		
:		(((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1		
i				
		(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R		
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj		
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft		
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj		
		layer) interface))) and 1999.py.))) and (recess etch)		

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11	163	(((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1	USPAT;	2003/08/28 10:39
		(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R	US-PGPUB;	
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj	EPO; JPO;	
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft	DERWENT;	
	1	Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj	IBM_TDB	
		layer) interface))) not ((((((magneto\$1resist\$4 (magneto adj		
		resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R		
		T\$1M\$1R A\$1M\$1R (magnetid adj (head sensor		
		element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel		
		adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy)		
		near4 (seed\$1layer\$1 (seed adj layer) interface))) and		
		2000.py.) (((((magneto\$1resist\$4 (magneto adj resist\$4)		
!		spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R		
		A\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.)		
		and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy))		
		and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1		
		(seed adj layer) interface))) and 2001.py.)		
		(((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1		
		(spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R		
		(magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj		
		magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft		
		Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj		
[
		layer) interface))) and 2001.pv.) (((((magneto\$1resist\$4		
		(magneto adj resist\$4) spin\$1valve\$1 (spin adj valve)		
} 				
		and 1999.py.))) and (recess etch))		
		and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj layer) interface))) and 2001.py.) (((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj layer) interface))) and 1999.py.))) not ((((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj layer) interface))) not ((((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R A\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft Ni\$1Fe nickel iron permalloy) near4 (seed\$1layer\$1 (seed adj layer) interface))) and 2000.py.) (((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) near4 (seed adj layer) interface))) and 2001.py.) ((((magneto\$1resist\$4 (magneto adj resist\$4) spin\$1valve\$1 (spin adj valve) G\$1M\$1R M\$1R T\$1M\$1R (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) near4 (seed adj layer) interface))) and 2001.py.) ((((magneto\$1resist\$4 (magnetid adj (head sensor element))).ti,ab,clm.) and ((soft adj magnetic) Ni\$1Fe (nickel adj iron) permalloy)) near4 (seed adj layer) interface)))		